Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method of exchanging a document between at least two document management systems, comprising the steps of:

placing at least a first document in a first predetermined serialized format at a first document management system to generate a serialized document; the first predetermined serialized format including first document content and first property information;

transferring the serialized document from the first document management system to a second document management system;

receiving the serialized document at the second document management system;

ignoring an unmatched portion of the first predetermined serialized format with respect to a second predetermined serialized format to generate a resolved second serialized format, the second predetermined serialized format including second document content and second property information; and

converting the serialized document into a the resolved second predetermined serialized format at the second document management system to generate a converted serialized document, wherein the first predetermined serialized format includes first document content and first property information, the second predetermined serialized format including second document content and second property information, the first property information being arbitrarily assigned and flexibly corresponded to the second property information.

2. (cancel)

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3. (currently amended) The method of exchanging a document between at least two document management systems according to claim 2-1_wherein said converting step further includes an additional step of adding a new piece of property information to the first property information according to the second property information.

4. (currently amended) The method of exchanging a document between at least two document management systems according to claim 2-1_wherein said converting step further includes an additional step of deleting a piece of property information from the first property information according to the second property information.

5. (currently amended) The method of exchanging a document between at least two document management systems according to claim 2-1_wherein said converting step further includes an additional step of converting a piece of the first property information to a corresponding piece of the second property information.

6. (original) The method of exchanging a document between at least two document management systems according to claim 1 further comprising additional steps of:
        breaking the converted serialized document into a predetermined set of document units at the second document management system; and
        storing the document units at the second document management system.

7. (original) The method of exchanging a document between at least two document management systems according to claim 1 wherein the first document management system and the second document management system are both a database manager.

8. (original) The method of exchanging a document between at least two document management systems according to claim 1 wherein the serialized document includes a plurality of documents.

9. (original) The method of exchanging a document between at least two document management systems according to claim 1 wherein the serialized document includes property information.

10. (original) The method of exchanging a document between at least two document management systems according to claim 9 wherein the property information includes information on a title, a creation date, an author, a version and a stream as elements, each of the elements including a predetermined set of property values.

11. (original) The method of exchanging a document between at least two document management systems according to claim 1 wherein the first document management system includes a first database manager for managing the first document and the second document management system includes a second database manager for managing the converted serialized document.

12. (original) The method of exchanging a document between at least two document management systems according to claim 1 wherein the second document management system includes a database manager while the first document management system includes a file system for managing the first document in files and directories.

13. (original) The method of exchanging a document between at least two document management systems according to claim 12 wherein the first document is represented by a predetermined set of the directories and the files, said placing step further comprising an additional step of generating the serialized document based upon the directories and the files of the first document.

14. (original) The method of exchanging a document between at least two document management systems according to claim 1 wherein the first document management

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system includes a database manager while the second document management system includes a file system for managing the first document in files and directories.

15. (original) The method of exchanging a document between at least two document management systems according to claim 14 wherein said converting step further comprising an additional step of generating the files and the directories based upon the serialized document to represent the first document in the second document management system.

16. (original) The method of exchanging a document between at least two document management systems according to claim 15 wherein the first predetermined serialized format includes first document content and first property information, the second predetermined serialized format including second document content and second property information.

17. (original) The method of exchanging a document between at least two document management systems according to claim 16 wherein said converting step further includes an additional step of adding a new piece of property information to the first property information according to the second property information.

18. (original) The method of exchanging a document between at least two document management systems according to claim 16 wherein said converting step further includes an additional step of deleting a piece of property information from the first property information according to the second property information.

19. (original) The method of exchanging a document between at least two document management systems according to claim 16 wherein said converting step further includes an additional step of converting a piece of the first property information to a corresponding piece of the second property information.

20. (currently amended) A system for sharing a document between at least two document management units, comprising:

a first document management unit for managing a first document;

a serialized document generation unit connected to said first document management unit for placing the first document in a first predetermined serialized format to generate a serialized document; the first predetermined serialized format including first document content and first property information;

a first communication unit connected to said serialized document generation unit for transferring the serialized document;

a second communication unit connected to said first communication unit for receiving the serialized document;

a serialized document conversion unit connected to said second communication unit for ignoring an unmatched portion of the first predetermined serialized format with respect to a second predetermined serialized format to generate a resolved second serialized format, the second predetermined serialized format including second document content and second property information, said serialized document conversion unit, said serialized document conversion unit converting the serialized document into a second predeterminedthe resolved second serialized format to generate a converted serialized document, wherein the first predetermined serialized format includes first document content and first property information, the second predetermined serialized format including second document content and second property information, the first property information being arbitrarily assigned and flexibly corresponded to the second property information; and

a second document management unit operationally connected to said serialized document conversion unit for managing the converted serialized document.

21. (cancel)

22. (currently amended) The system for sharing a document between at least two document management units according to claim 21-20 wherein said serialized document conversion unit adding a new piece of property information to the first property information according to the second property information.

23. (currently amended) The system for sharing a document between at least two document management units according to claim 21-20 wherein said serialized document conversion unit deleting a piece of property information from the first property information according to the second property information.

24. (currently amended) The system for sharing a document between at least two document management units according to claim 21-20 wherein said serialized document conversion unit converting a piece of the first property information to a corresponding piece of the second property information.

25. (original) The system for sharing a document between at least two document management units according to claim 20 wherein said second document management unit further comprises a serialized document analysis unit for breaking the converted serialized document into a predetermined set of document units and a database manager for storing the document units.

26. (original) The system for sharing a document between at least two document management units according to claim 20 wherein said first document management unit and said second document management unit each include a database manager.

27. (original) The system for sharing a document between at least two document management units according to claim 20 wherein the serialized document includes a plurality of documents.

28. (original) The system for sharing a document between at least two document management units according to claim 20 wherein the serialized document includes property information.

29. (original) The system for sharing a document between at least two document management units according to claim 28 wherein the property information includes information on a title, a creation date, an author, a version and a stream as elements, each of the elements including a predetermined set of property values.

30. (original) The system for sharing a document between at least two document management units according to claim 20 wherein the first document management unit includes a first database manager for managing the first document and the second document management unit includes a second database manager for managing the converted serialized document.

31. (original) The system for sharing a document between at least two document management units according to claim 20 wherein the second document management unit includes a database manager while the first document management unit includes a file manager for managing the first document in files and directories.

32. (original) The system for sharing a document between at least two document management units according to claim 31 wherein the first document is represented by a predetermined set of the directories and the files, said first document management unit generating the serialized document based upon the directories and the files of the first document.

33. (original) The system for sharing a document between at least two document management units according to claim 20 wherein the first document management unit

includes a database manager while the second document management unit includes a file

manager for managing the first document in files and directories.

34. (original) The system for sharing a document between at least two document

management units according to claim 33 wherein said second document management unit

generating the files and the directories based upon the serialized document to represent

the first document in said second document management unit.

35. (original) The system for sharing a document between at least two document

management units according to claim 34 wherein the first predetermined serialized

format includes first document content and first property information, the second

predetermined serialized format including second document content and second property

information.

36. (original) The system for sharing a document between at least two document

management units according to claim 35 wherein said serialized document conversion

unit adding a new piece of property information to the first property information

according to the second property information.

37. (original) The system for sharing a document between at least two document

management units according to claim 35 wherein said serialized document conversion

unit deleting a piece of property information from the first property information

according to the second property information.

38. (original) The system for sharing a document between at least two document

management units according to claim 35 wherein said serialized document conversion

unit converting a piece of the first property information to a corresponding piece of the

second property information.

39. (currently amended) A storage medium for storing an interface program for

document management modules, the interface program executing computer instructions

to perform the following tasks of:

placing at least a first document in a first predetermined serialized format at a

first document management module to generate a serialized document, the first

predetermined serialized format including first document content and first property

information.;

transferring the serialized document from the first document management

module to a second document management module;

receiving the serialized document at the second document management module;

ignoring an unmatched portion of the first predetermined serialized format with

respect to a second predetermined serialized format to generate a resolved second

serialized format, the second predetermined serialized format including second document

content and second property information; and

converting the serialized document into a the resolved second predetermined

serialized format at the second document management module to generate a converted

serialized document, wherein the first predetermined serialized format includes first

document content and first property information, the second predetermined serialized

format including second document content and second property information, the first

property information being arbitrarily assigned and flexibly corresponded to the second

property information.

40. (original) The storage medium for storing an interface program for document

management modules according to claim 39 wherein the serialized document is

processed at a processing module to generate a processed document subsequent to said

transferring task.

41. (original) The storage medium for storing an interface program for document

management modules according to claim 39 wherein the serialized document is

converted into files and directories prior to said transferring task and the files and the directories are processed prior to said transferring task to generate a processed document.

42. (original) The storage medium for storing an interface program for document management modules according to claim 41 wherein the processed document is converted back to the serialized document in the first predetermined serialized format.

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44. (currently amended) The storage medium for storing an interface program for document management modules according to claim 43 39 wherein said converting task further includes an additional task of adding a new piece of property information to the first property information according to the second property information.

45. (currently amended) The storage medium for storing an interface program for document management modules according to claim 43 39 wherein said converting task further includes an additional task of deleting a piece of property information from the first property information according to the second property information.

46. (currently amended) The storage medium for storing an interface program for document management modules according to claim 43 39 wherein said converting task further includes an additional task of converting a piece of the first property information to a corresponding piece of the second property information.

47. (original) The storage medium for storing an interface program for document management modules according to claim 39 wherein the serialized document is converted into files and directories prior to said transferring task and the files and the directories are processed at a remote location to generate a processed document, the

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processed document being converted back to the first predetermined serialized format

and being transferred back to the first document management module.